

## TITLE: FRAME FORMATTING TECHNIQUE

## ABSTRACT OF THE DISCLOSURE

A frame formatting technique for filling a fixed length master frame with a number of variable length frames and adding additional data to synchronize the individual variable length frames and increase the randomness of the fixed length master frame. The technique fills unused portions of the fixed length master frame with random data to maximize the randomness of the fixed length master frame which can be used to produce a well behaved modulated signal for digital broadcasting, thereby increasing the efficiency of digital broadcasting system.